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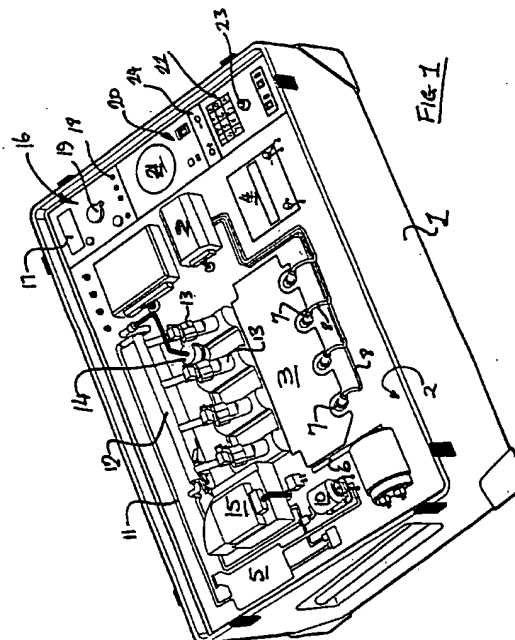
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(54) **Training aid**

(57) A simulator for training maintenance personnel in the diagnosis of faults comprises a number of machine components (7, 9, 10, 13, 15) arranged so as to reproduce, at least schematically, the layout of the equipment on which fault diagnosis is being instructed, the machine components being connected actually or schematically to simulate the component connections of the actual equipment, and the machine components and component connections being provided with test probe application points, the simulator further including a number of test instruments (16) including test probes which can be selectively connected to the test probe application points, the test instruments (16) including at least one display (17), and the test instruments, test probe application points, and display being linked to a computer or other processing unit which is programmed to provide outputs to the test instrument display or displays (17) consistent with the application of test probes to the selected test probe application points and in dependence on the fault to be simulated in the equipment.



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## EUROPEAN SEARCH REPORT

Application Number  
EP 94 30 9159

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	US-A-5 147 206 (GOLENSKI STEPHEN S) 15 September 1992 * the whole document *	1,7	G09B9/00 G09B25/02
Y	EP-A-0 337 717 (OTIS ELEVATOR CO ;MACMILLAN INTEK LTD (GB)) 18 October 1989 * page 2, line 59 - page 4, line 11; claims 1,3,4,6; figures 1-4 *	1,7	
A	---	2,5	
Y	US-A-4 943 238 (GREGORIO FRANK) 24 July 1990 * the whole document *	1,7	
A	---	2-5	
A	US-A-4 776 798 (CRAWFORD LARRY C) 11 October 1988 * the whole document *	1,2,4,5,7	
A	US-A-5 136 528 (FORDHAM DONALD S ET AL) 4 August 1992 * column 5, line 43 - column 27, line 64 *	1-3,7	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	US-A-5 067 901 (FORDHAM DONALD S ET AL) 26 November 1991 * the whole document *	1,5,7	G09B
A	US-A-4 004 353 (VALENTINE CHARLES G) 25 January 1977 * the whole document *	1,4	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15 October 1996	Examiner Gorun, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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